

**Minutes of the Carlisle Board of Health
February 13, 2007
Approved March 20, 2007**

Present: Board Members Martha Bedrosian (Chairman), Michael Holland, Jeffrey Brem, Bill Risso, and Leslie Cahill; also present: Linda Fantasia (Agent); Laura Foley (Carlisle Mosquito)

The meeting was called to order at 7:30 p.m. at the town hall.

BILLS – It was moved (Bedrosian), seconded (Cahill) and unanimously voted to approve the bills as presented.

MINUTES – the Board reviewed and revised draft minutes of 1/2/07, 1/16/07, 1/30/07. The minutes will be voted at the next meeting.

DISCUSSION ITEMS

Carlisle Public Schools – DEP approved the school's request to reduce monitoring to every three years for lead and copper. Results have been consistently lower than action limits.

CDC Critical Tasks – the Board received a copy of the CDC requirements for Regional Public Health Emergency Preparedness. Regional Coalitions are required to meet performance standards for continued funding. The Board has either completed or is currently working on many of the requirements.

Regional Preparedness Funding - \$5600 has been allocated to each of the 34 towns and cities in Region 4A to increase public health infrastructure necessary for the support of local medical reserve corps activities. The Board noted that there is no generator for the Corey Building which is the local EDS. The Board asked Fantasia to see if the \$5600 could be combined with public safety funding for either this generator or a smaller one for town hall. Fantasia has information from the Building Inspector and will gather this information for the next meeting. Medical equipment is also a priority for a clinic. The Board has accumulated some supplies but would need more for a larger event.

CHESTNUT ESTATES – Present for the discussion was Richard Howe Jr., applicant, Martha Howe, attorney, and Peter Howe of Fay, Spofford & Thorndike (FST). The applicant had requested to meet with the Board to address the comments of the Board's consultant Rob Frado on the soil testing results. Frado had noted in his comments dated 1/15/07 that "deep observation holes were excavated to depths much shallower than the 10' DEP requirement. This was due to large boulders and stones, but not necessarily bedrock." At the last meeting Frado had told the Board that it might have been possible to verify bedrock with heavier equipment. Some of the testing was not within the footprint of the leaching areas as required. The Board felt it was not able to make a decision due to questions about the adequacy of the testing.

Peter Howe explained that the work was done by Meridian Associates and that the soil evaluator and Frado were in agreement on the number and results of the test pits. Howe said that 33 test pits had been done and percolation tests conducted on all but Lot 7. He would have liked to have discussed the testing with Frado at the meeting. Fantasia explained that Frado had planned on attending, but a last minute conflict arose. She was unable to provide any additional clarification other than what was stated in the memo. The Board agreed only Frado and Meridian Engineering could provide the answers. Fantasia noted that there is a revised plan based on the Conservation Commission's ORAD that requires changes in the lot lines and septic location for Lot 7. Howe said he had a revised plan to submit to the Board.

Howe pointed out that the soils at the site were very good with good percolation rates. The application is not for sewage disposal system designs, but only to determine suitable soils for siting systems. All of the tests showed sufficient depth of naturally occurring soils up to refusal. They are using the B layer as allowed. Holland asked whether the work was done after the latest revision of Title 5 in April. Howe said it was. The

reason they did not use heavier equipment was due to wetland crossings and concerns of the Conservation Administrator. The plan submitted for review is for the Definitive Subdivision Plan. The Board has 45 days to comment. The Board does not have to comment on the Conservation Cluster although a Board of Health review is required under local regulations. The applicant needs the subdivision approval for legal frontage, but intends to build the conservation cluster. This is also the Planning Board's preference and the Planning Board had asked the applicant to do a simultaneous filing. Individual designs will later be submitted for septic designs.

Brem pointed out that all of the test pits are less than 10' in depth. Howe said there is no requirement for 10' deep test pits if there is refusal. There was general discussion on what Title 5 requires. Brem said that if the test pits could get to 10', the systems might be lower into the ground. This is a benefit to the environment and a cost savings for the developer. Bedrosian was in favor of having the applicant do confirmatory testing. Howe said they would be doing additional testing.

Holland said the Planning Board needs a recommendation from the Board of Health that there are suitable soils for siting septic systems. He questioned why the engineer did not immediately do the missing percolation test. If there is refusal due to bedrock in the test pits but there is still 4.0' of naturally occurring soils, this is sufficient for siting a soil absorption system. Holland would expect the applicant to verify bedrock with deeper holes prior to applying for a Title 5 permit.

The Board agreed to ask for Frado's comments on the FST letter and forward them to the applicant's engineer as soon as possible. He should also comment on the revised Conservation Cluster plan. If Frado is satisfied that there is sufficient information for determining suitable soils, the Board will make its recommendation at the next meeting on 2/27/07.

Martha Howe said the Planning Board hearing was continued to 2/26/07. She expects it will be continued.

SEWAGE DISPOSAL PLANS –The Board reviewed three septic redesigns for the Greystone Crossing development. The systems now include the Cultec Drainage Field Chambers which is an alternative technology. Because the systems do not require fill, there will be less grading reducing impact to the environment. Lot 7.38 Cross Street was able to go from a pump to a gravity fed system. All plans were reviewed by Frado for state and local compliance.

It was moved (Cahill), seconded (Brem) and unanimously voted to approve plan entitled "Sewage Disposal - Plan, Lot 7.38A Cross Street, Map 7, Parcel 38, Prepared for William Costello, Prepared by Stamski & McNary, Dated April 19, 2006, Revised December 11, 2006".

It was moved (Cahill), seconded (Brem) and unanimously voted to approve plan entitled "Sewage Disposal Plan, Lot 8 Greystone Lane, Map 7, Parcel 38 Prepared for William Costello, Prepared by Stamski & McNary, Dated February 28, 2006 Revised December 11, 2006".

It was moved (Cahill), seconded (Brem) and unanimously voted to approve plan entitled "Sewage Disposal Plan, Lot 11 Trillium Way, Map 7 parcel 35, Prepared for William Costello, Prepared by Stamski & McNary, dated February 28, 2006 Revised December 14, 2006".

DISCUSSION ITEMS

Arbovirus Conference – the Board agreed Fantasia should attend.

Public Health Regional Study – the Board was given a draft report on the pros and cons of regionalizing public health. The study is being conducted by the Boston University School of Public Health.

Congregational Church Report – The Church submitted its bi-annual report on the pumping of the septic tank and grease tank along with water meter readings. No problems were noted.

Coventry Woods – The Board has been asked to send a representative to the next meeting on 2/16/07. The Board has recommended doing a groundwater mounding analysis of septic system “C” pre-permit, installing an irrigation well with a 2000 GPD cap on withdrawal and including the well in the testing protocols, adding a third 10,000 gallon cistern to be supplied by the irrigation well and other water collection devices. The Board is not in full agreement about whether to have the drinking water wells drilled during low water season.

Meeting Schedule – 2/27/07, 3/20/07, 4/3/07, 4/24/07.

Old Business – Brem asked for an update on depositing license fees into the revolving account; wording for the garbage grinder tags. He also suggested that the Board continue its review of local regulations on 3/20/07 so that changes can be made prior to any changes in board membership at the annual election.

There was no further business discussed. Meeting voted to adjourn at 9:25 p.m.

Respectfully submitted,

Linda Fantasia
Recorder